

673 N. Bardstown Rd. Mount Washington, KY, 40047 www.blueleaflaboratory.com Lic # 19-05-02P



Certificate of Analysis

97%da2mm11030

9796868288821028 5% CBD FULL SPEC NANO

Matrix: Edible

Accession Number: 030422UD0004 Harvest/Lot ID: 9796868288821028 5%CBD

Seed to Sale: *

Batch Date: 03/03/22

Batch #: BLUE BELL 5%CBD FS NANO

Sample Size Received: 30

Retail Product Size: 30

Ordered: 03/03/22 Completed: 03/16/22

Sampling Method: SOP Client Method

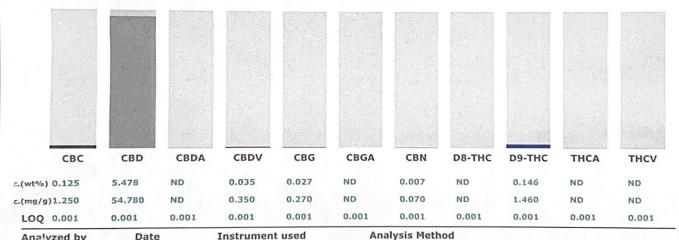
Mar 16,2022 | Aerosource H

aerosourceH

Kevil, KY, (270) 462-2742

CANNABINOID RESULTS

Total THC	Total CBD	Total Connectionida
0.146%		Total Cannabinoids
0.14090	5.478%	5.818%



 Analyzed by
 Date
 Instrument used
 Analysis Method

 TW
 03/15/2022
 Shimadzu HPLC w/ PDA
 SOP.KY.02.012

Full spectrum cannabinoid analysis utilizing High Performance Liquid Chromatography with UV detection (HPLC-PDA). SQP.KY.02.005 for sample prep and SQP.KY.02.012 for analysis. % = %w/w = Percent (Weight of Analyte/Weight Product) Total Cannabinoids result reflects the absolute sum of all cannabinoids detected. **Total Potential THC/CBD is calculated using the following formulas to take into account the loss of a carboxyl group during decarboxylation Total THC = THC + (THCa*0.877) Total CBD = CBD + (CBDa*0.877)

Filth & Foreign Matter

PASSED

Analyzed by Date

Date

Instrument used
Microscope (Amscope)

Analysis Method

SOP,KY.02.011

This includes but is not limited to hair, insects, feces, packaging contaminants, and manufacturing waste and by-products. An SH-2B/T Stereo Microscope is used for inspection. (Method: SOP.KY.02.011)

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Daniel Burriss

Lab Director State License # 19-05-02P ISO/IEC 17025:2017



Dup Bris

03/16/22

Signature

Signed On



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Certificate of Analysis

Aerosource H

Kevil, KY,

Telephone: (270) 462-2742 Email: cbaldwin@aerosourceh.com



aerosourceil

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Sampling Method: SOP Client Method

Pesticides

				2-1							
Pesticides	rroó	Result	Units	Action Level	Pass / Fail	Pesticides	rroð	Result	Units	Action Level	Pass / Fail
Abamectin B1a	0.02	ND	ppm	0.5	PASS	Acephate	0.01	ND		0.4	
Acequinocyl	0.05	ND	ppm	2	PASS	Acetamiprid	0.01	ND ND	ppm	0.2	PASS
Aldicarb	0.02	ND	ppm	0.4	PASS	Azoxystrobin			ppm		PASS
Bifenazate	0.01	ND	ppm	3.0		Bifenthrin	0.01	ND	ppm	0.2	PASS
Boscalid	0.01	ND	ppm	0.4	PASS	Carbaryl	0.01	ND	ppm	0.2	PASS
Carbofuran	0.01	ND	ppm	0.2	PASS		0.01	ND	ppm	0.2	PASS
Chlorpyrifos	0.01	ND	ppm	0.2	PASS	Chlorantraniliprole	0.01	ND	ppm	0.2	PASS
Clofentezine	0.01	ND	ppm	0.2	PASS	cis-Permethrin	0.0041	ND	ppm	0.4	PASS
Cypermethrin	0.02	ND	ppm	1	PASS	Coumaphos	0.01	ND	ppm	0.2	PASS
Diazanon	0.01	ND	ppm	0.2	PASS	Daminozide	0.02	ND	ppm	1	PASS
Dimethoate	0.01	ND	ppm	0.2	PASS	Dichlorvos	0.05	ND	ppm	0.1	PASS
Ethoprophos	0.01	ND			PASS	Dimethomorph	0.005	ND	ppm	0.1	PASS
Etoxazole	0.01	ND	ppm	0.2	PASS	Etofenprox	0.01	ND	ppm	0.4	PASS
Fenoxycarb	0.01	ND	ppm	0.2	PASS	Fenhexamid	0.005	ND	ppm	0.1	PASS
Fipronil	0.02	ND	ppm	0.2	PASS	Fenpyroximate	0.01	ND	ppm	0.4	PASS
Fludioxonil	0.01		ppm	0.4	PASS	Flonicamid	0.01	ND	ppm	1	PASS
Imazalil		ND	ppm	0.4	PASS	Hexythiazox	0.01	ND	ppm	1	PASS
	0.01	ND	ppm	0.2	PASS	Imidacloprid	0.01	ND	ppm	0.4	PASS
Kresoxim-Methyl	0.01	ND	ppm	0.4	PASS	Malathion	0.01	ND	ppm	0.2	PASS
Metalaxyl	0.01	ND	ppm	0.2	PASS	Methiocarb	0.01	ND	ppm	0.2	PASS
Methomyl	0.01	ND	ppm	0.4	PASS	Mevinphos	0.01	ND	ppm	0.1	PASS
Myclobutanil	0.01	ND	ppm	0.2	PASS	Naled	0.01	ND	ppm	0.5	PASS
Oxamyl	0.01	ND	ppm	1	PASS	Paclobutrazol	0.01	ND	ppm	0.4	PASS
Permethrins (sum)	0.05	ND	ppm	1	PASS	Phosmet	0.01	ND	ppm	0.2	PASS
Piperonyl Butoxide	0.01	ND	ppm	2	PASS	Prallethrin	0.05	ND	ppm	0.2	PASS
Propiconazole	0.01	ND	ppm	0.4	PASS	Propoxur	0.01	ND	ppm	0.2	PASS
Pyrethrin I	0.01	ND	ppm	1	PASS	Pyridaben	0.01	ND	ppm	0.2	PASS
Spinetoram	0.01	ND	ppm	0.5	PASS	Spinosad (Spinosyn A)	0.01	ND	ppm	0.2	PASS
Spinosad (Spinosyn D)	0.01	ND	ppm	0.2	PASS	Spiromesifen	0.01	ND	ppm	0.2	PASS
Spirotetramat	0.02	ND	ppm	0.2	PASS	Spiroxamine	0.01	ND	ppm	0.2	
Tebuconazole	0.01	ND	ppm	0.4	PASS	Thiacloprid	0.01	ND	ppm	0.2	PASS
Thiamethoxam	0.01	ND	ppm	0.2	PASS	trans-Permethrin	0.0118	ND	ppm	0.4	PASS
Trifloxystrobin	0.01	ND	ppm	0.2	PASS				PPILI	V-1-1	PASS

Analyzed by

Date

Instrument used

Analysis Method

Pesticide screening is performed using LC/MS/MS which can screen down to below single digit ppb concentrations for the 57 pesticides analyzed. (Method: SQP,KY,Q2,Q22)

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Signature

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Certificate of Analysis

Aerosource H

Kevil, KY,

DB

Residual

Telephone: (270) 462-2742 Email: cbaldwin@aerosourceh.com



Shimadzu LCMSMS 8060

SOP.KY.02.016

aerosourceH

9796868288821028 5% CBD FULL SPEC NANO

Matrix: Edible

Accession Number: 030422UD0004

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Sampling Method: SOP Client Method

Mycotox	ins									PAS	SED
Analyte	LLOQ	Result	Units	Action Level	Pass / Fail	Analyte	rroó	Result	Units	Action Level	Pass / Fail
Aflatoxin B1	0.001	ND	ppm	0.2	PASS	Aflatoxin B2	0.001	ND	ppm	0.2	PASS
Aflatoxin G1	0.001	ND	ppm	0.2	PASS	Aflatoxin G2	0.001	ND	ppm	0.2	PASS
Ocratoxin A+	0.001	ND	ppm	0.2	PASS	Androxiii G2	0.001	NO			
Analyzed by	D	ate	Instru	ment used		Analysis M	1ethod			Mary Rose Land Mary	

SOP.KY.02.022

Aflatoxins B1, B2, G1, G2, and Ochratoxins A testing using LC/MS/MS. (Method: SOP.KY.02.022)

03/15/2022

Solvent	LLOQ	Result	Units	Action Level (PPM)	Pass/Fail
2-Propanol	60	ND	ppm	5000	PASS
Acetone	60	ND	ppm	5000	PASS
Acetonitrile	60	ND	ppm	410	PASS
Butane	200	ND	ppm	5000	PASS
Ethanol	80	140	ppm	5000	PASS
Ethyl Acetate	60	ND	ppm	5000	PASS
Ethyl Ether	40	ND	ppm	5000	PASS
Heptane	40	ND	ppm	5000	PASS
Hexane	40	ND	ppm	290	PASS
Isobutane	200	ND	ppm	5000	PASS
M/P-Xylene	80	ND	ppm	2170	PASS
Methanol	40	ND	ppm	3000	PASS
O-Xylene	40	ND	ppm	2170	PASS
Pentane	60	ND	ppm	5000	PASS
Propane	400	ND .	ppm	5000	PASS
Toluene	40	ND	ppm	890	PASS
Total Xylenes	120	ND	ppm	2170	PASS

03/15/2022 Residual solvents testing for 16 common extraction solvents is performed via GC/MS. (Method

Shimadzu GC 2010+

Heavy	/ Metals			PAS	SED
Metal	LLOQ	Result	Unit	Action Level	Pass / Fail
Arsenic	0.2	ND	ppm	2	PASS
Cadmium	0.2	ND	ppm	2	PASS
Lead	0.2	ND	ppm	5	PASS
Mercury	0.2	ND .	ppm	1	PASS

Shimadzu ICP/MS SOP, KY, 02, 020 Heavy Metals screening is performed using ICP-MS (Inductively Coupled Plasma – Mass Spectrometer) which can screen for toxic heavy metals (Arsenic, Cadmium, Lead, and Mercury). (Method SOP.KY.02.020)

Microbials	PASSED

Result
not present in 1 gram.

Analyzed by	Date	Instrument used	Analysis Method
TW	03/15/2022	PathogenDX	SOP.KY.02.018

Microbiological testing for Fungal and Bacterial Identification via Polymerase Chain Reaction (PCR) method consisting of sample DNA amplified via tandem Polymerase Chain Reaction (PCR) as a crude lysate which avoids purification. (Method SOP, KY. 02.018) If a pathogenic Escherichia Coli, Salmonella, Aspergillus formigatus, Aspergillus flows, Aspergillus niger, or Aspergillus terreus is detected in 1g of a sample, the sample fails the microbiological-impurity testing.

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03/16/22

Signature

Signed On